

# The Propagation Program and Industry

Faramaz Davarian

Hughes Space & Communications

El Segundo, CA 90245

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# The Propagation Program and Industry

- Industry has a near-sighted view of science
- Long-term planning is not likely
  - Needs results yesterday
- NASA's role and its contributions are undeniable
  - NASA provides valuable data
  - NASA provides a training ground
    - Students get quickly absorbed in industry
  - One of the most successful industry-support programs
  - Its absence will be sorely missed
- Benefits to academia
- Benefits to civilian and military research

# Industry Applications and Data Presentation

- User friendly presentation
  - Spread sheet format for model application
  - Web page/handbooks format for data dissemination
- Link Budget
- Systems impact
  - Link margin
  - Threshold settings (clear sky versus rain, scintillation versus rain)
  - Channel dynamics
  - Wet antenna
  - Mitigation Technology
- Application-oriented
  - Engineering solution versus science solution